

HYLANDS et al.
Serial No. Unknown

15. (Amended) A process according to claim 1 wherein the sample of the medicinal plant material which possesses said the or each property desired for the standard is a sample of authenticated or audited plant material of which the provenance is known.

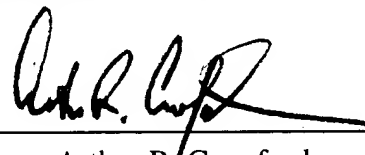
REMARKS

The above amendments are made to place the claims in a more traditional format. Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version With Markings To Show Changes Made."

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

4. (Amended) A process according to [any one of the preceding claims] claim 1

wherein the combination of NMR spectroscopy and a computer-based pattern recognition technique comprises:

- (a) submitting the test solution or test extract to NMR spectroscopy and recording one or more NMR spectra; and
- (b) submitting the data obtained from the or each NMR spectrum to a multivariate analysis to generate one or more points on a score plot.

5. (Amended) A process according to [any one of the preceding claims] claim 1

wherein the multivariate analysis is principal component analysis (PCA).

6. (Amended) A process according to [any one of the preceding claims] claim 1

wherein the proteomics analysis comprises:

- (i) providing a target cell selected according to the clinical indication in which the medicinal plant is active and incubating the target cells with the test solution or test extract; and
- (ii) subjecting the incubated cells to gel electrophoresis on a 2-D gel and observing the change in protein expression in the cells as a result of exposure to the said solution or extract.

7. (Amended) A process according to [any one of the preceding claims] claim 1

which further comprises purifying the test solution or test extract of the sample of the

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medicinal plant material prior to carrying out the combination of NMR spectroscopy and computer-based pattern recognition.

8. (Amended) A process according to [any one of the preceding claims] claim 1

wherein the medicinal plant material consists of, or is derived from, a whole plant, a part of a plant, a plant extract or a plant fraction.

12. (Amended) A process according to [any of the preceding claims] claim 1 wherein

the plant material is derived from, or consists of, a mixture of two or more different plants.

15. (Amended) A process according to [any one of the preceding claims] claim 1

wherein the sample of the medicinal plant material which possesses said the or each property desired for the standard is a sample of authenticated or audited plant material of which the provenance is known.

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